Understanding Multiplying Decimals

Name:

Solve each problem.

1) If $10 \times 10 = 100$, then $1 \times 1 =$ _____

2) If $3 \times 8 = 24$, then $0.3 \times 0.08 =$ _____

3) If $6 \times 5 = 30$, then $0.06 \times 0.005 =$ _____

4) If $2 \times 6 = 12$, then $0.02 \times 0.6 =$ _____

5) If $6 \times 8 = 48$, then $0.6 \times 0.08 =$ _____

6) If $2 \times 3 = 6$, then $0.002 \times 0.03 =$ _____

7) If $2 \times 9 = 18$, then $0.02 \times 0.9 =$ _____

8) If $7 \times 4 = 28$, then $0.07 \times 0.04 =$ _____

9) If $5 \times 6 = 30$, then $0.005 \times 0.006 =$ _____

10) If $9 \times 8 = 72$, then $0.9 \times 0.8 =$ _____

11) If $6 \times 5 = 30$, then $0.06 \times 0.5 =$ _____

12) If $10 \times 9 = 90$, then $1 \times 0.009 =$ _____

13) If $3 \times 10 = 30$, then $0.003 \times 1 =$ _____

14) If $7 \times 8 = 56$, then $0.007 \times 0.8 =$ _____

15) If $6 \times 9 = 54$, then $0.6 \times 0.009 =$ _____

16) If $3 \times 9 = 27$, then $0.003 \times 0.09 =$ _____

17) If $5 \times 8 = 40$, then $0.005 \times 0.008 =$ _____

18) If $4 \times 9 = 36$, then $0.04 \times 0.009 =$ _____

19) If $6 \times 7 = 42$, then $0.6 \times 0.007 =$ _____

20) If $2 \times 5 = 10$, then $0.02 \times 0.005 =$ _____

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____
20. _____

1-10	95	90	85	80	75	70	65	60	55	50
11-20	45	40	35	30	25	20	15	10	5	0

Understanding Multiplying Decimals Name: **Answer Key**

Solve each problem.

1) If 10 × 10 = 100 , then 1 × 1 = 1.

2) If 3 × 8 = 24 , then 0.3 × 0.08 = 0.024

3) If 6 × 5 = 30 , then 0.06 × 0.005 = 0.0003

4) If 2 × 6 = 12 , then 0.02 × 0.6 = 0.012

5) If 6 × 8 = 48 , then 0.6 × 0.08 = 0.048

6) If 2 × 3 = 6 , then 0.002 × 0.03 = 0.00006

7) If 2 × 9 = 18 , then 0.02 × 0.9 = 0.018

8) If 7 × 4 = 28 , then 0.07 × 0.04 = 0.0028

9) If 5 × 6 = 30 , then 0.005 × 0.006 = 0.00003

10) If 9 × 8 = 72 , then 0.9 × 0.8 = 0.72

11) If 6 × 5 = 30 , then 0.06 × 0.5 = 0.03

12) If 10 × 9 = 90 , then 1 × 0.009 = 0.009

13) If 3 × 10 = 30 , then 0.003 × 1 = 0.003

14) If 7 × 8 = 56 , then 0.007 × 0.8 = 0.0056

15) If 6 × 9 = 54 , then 0.6 × 0.009 = 0.0054

16) If 3 × 9 = 27 , then 0.003 × 0.09 = 0.00027

17) If 5 × 8 = 40 , then 0.005 × 0.008 = 0.00004

18) If 4 × 9 = 36 , then 0.04 × 0.009 = 0.00036

19) If 6 × 7 = 42 , then 0.6 × 0.007 = 0.0042

20) If 2 × 5 = 10 , then 0.02 × 0.005 = 0.0001

Answers

1. **1.**
2. **0.024**
3. **0.0003**
4. **0.012**
5. **0.048**
6. **0.00006**
7. **0.018**
8. **0.0028**
9. **0.00003**
10. **0.72**
11. **0.03**
12. **0.009**
13. **0.003**
14. **0.0056**
15. **0.0054**
16. **0.00027**
17. **0.00004**
18. **0.00036**
19. **0.0042**
20. **0.0001**

1-10	95	90	85	80	75	70	65	60	55	50
11-20	45	40	35	30	25	20	15	10	5	0